

Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of treating a subterranean ~~hydrocarbons reservoir~~ formation comprising contacting the formation with a treating fluid comprising an aqueous solution, an acid selected from the group consisting of an organic acid at a concentration of greater than 10% and an inorganic acid, and a surfactant acting as gelling agent essentially consisting of erucylamidopropyl betaine, (or a protonated/deprotonated homolog or salt thereof,) without a co-surfactant.
2. (Original) The method of claim 1, wherein said acid is selected from the group consisting of hydrochloric acid, a mixture of hydrofluoric acid and hydrochloric acid, acetic acid and formic acid.
3. (Original) The method of claim 2, wherein said acid is present in said fluid at a concentration of at least 15% by weight.
4. (Currently Amended) A method of treating a subterranean hydrocarbons reservoir comprising contacting the formation with a treating fluid comprising an aqueous solution, an acid, an alcohol selected from methanol and ethanol, and a surfactant acting as gelling agent essentially consisting of erucylamidopropyl betaine (or a protonated/deprotonated homolog or salt thereof).
5. (Canceled)
6. (Currently Amended) The method of claim 5, wherein said ~~n-alcohol~~ alcohol is methanol.
7. (Original) The method of claim 6, wherein the methanol is present in said fluid at a concentration of between 0.1 and 10% by volume.
8. (Original) The method of claim 7, wherein the methanol is present in said fluid at a concentration of between 1% and 8% by volume.

9. (Original) The method of claim 4, wherein said acid is selected from the group consisting of hydrochloric acid, a mixture of hydrofluoric acid and hydrochloric acid, acetic acid and formic acid.
10. (Original) The method of claim 8, wherein said acid is present in said fluid at a concentration of between 3 and 28% by weight.
11. (Original) The method of claim 8, wherein the treating fluid further comprises at least one additive selected among corrosion inhibitors, non-emulsifiers, iron reducing agents and chelating agents.
12. (Original) The method of claim 4, wherein the erucylamidopropyl betaine is present in said fluid at a concentration of between about 1 and about 4% by weight.
13. (Original) The method of claim 11 wherein the erucylamidopropyl betaine is present in said fluid at a concentration of between 2 and 3% by weight.
14. (Original) A method of treating a subterranean hydrocarbons reservoir penetrated by a well, said well having a bottomhole static temperature ranging between about 25°C and about 150°C, comprising contacting the formation with a treating fluid comprising an aqueous solution, 15 to 28% by weight of hydrochloric acid, volume percent of methanol, and 3 weight percent of erucylamidopropyl betaine.
15. (Currently Amended) A method of treating a subterranean ~~hydrocarbons~~ hydrocarbons-formation comprising contacting the formation with a mutual solvent and then, contacting the formation with a treating fluid comprising an aqueous solution, acid, methanol, and erucylamidopropyl betaine.